



WEB TECHNOLOGIES

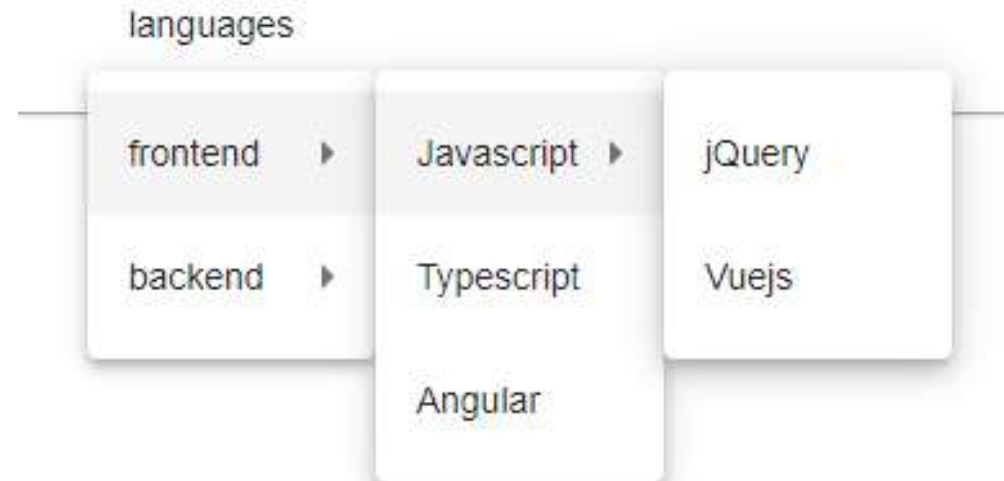
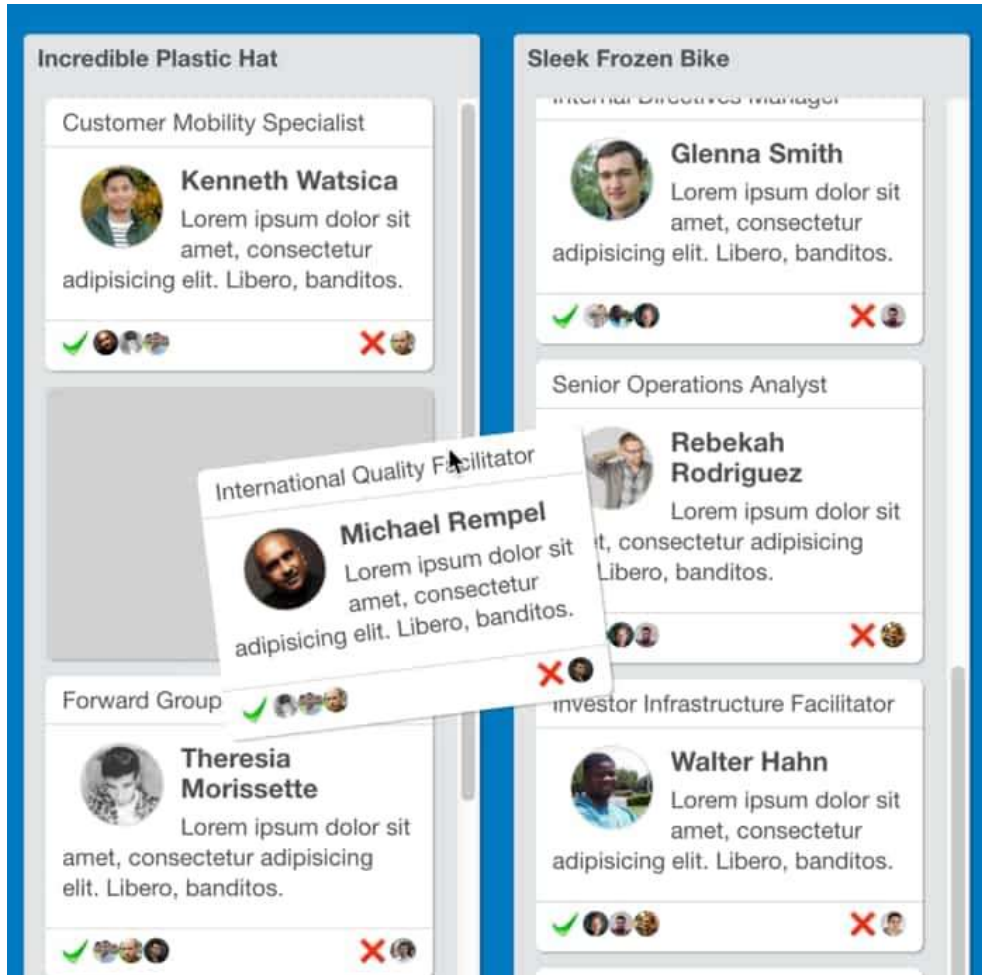
Event Handling

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Event Handling

Event Propagation



There are three phases in which an event can propagate to handlers defined in parent elements:

- Capturing phase
- Target phase
- Bubbling phase

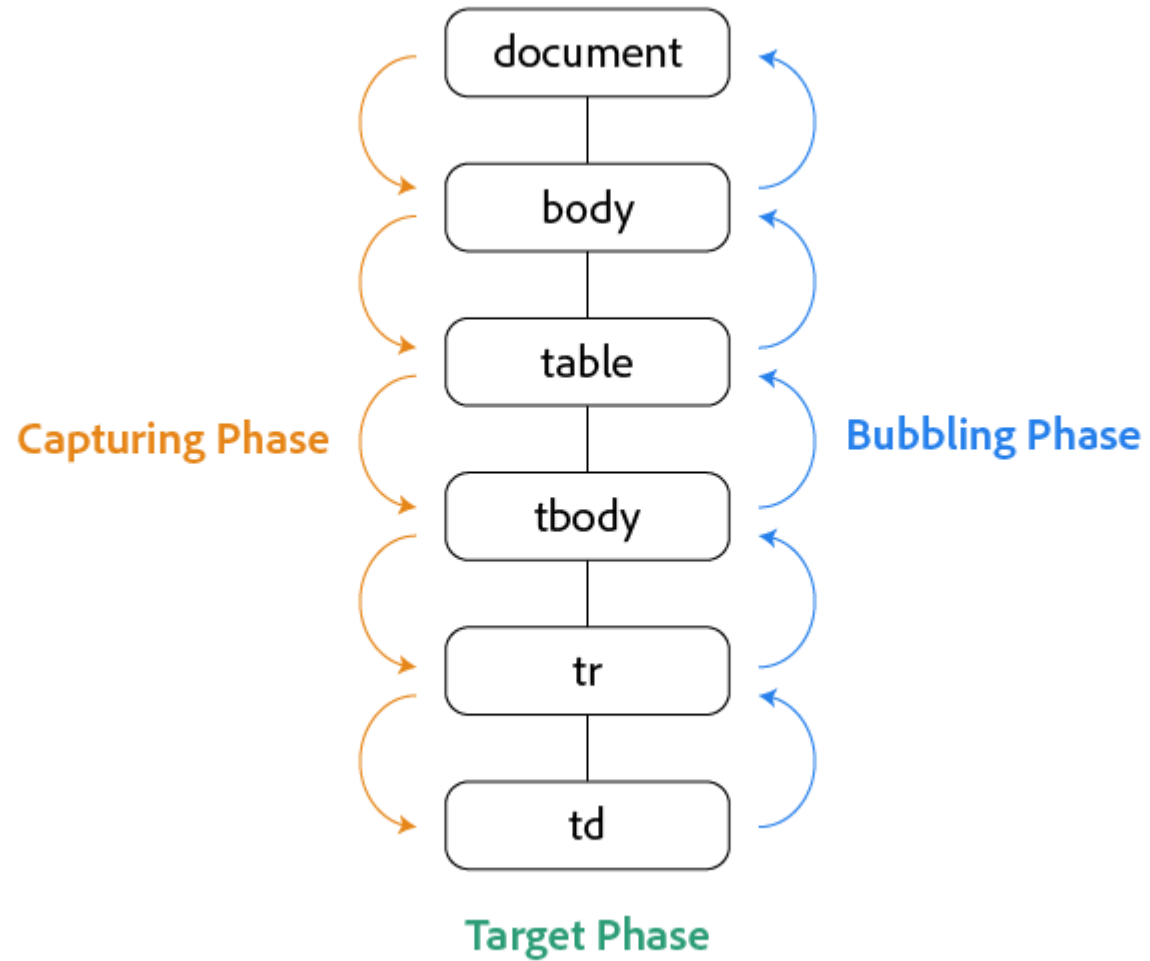
```
elem.addEventListener("event", func_ref, flag);
```

flag = true :=> Handler registered for Capturing phase

flag = false :=> Handler registered for Bubbling phase (default)

Event Flow

Event Capturing



Event Handling

Event Object Properties

- Event object has properties and methods related to Bubbling and Capturing

Property/ Method	IE5-8 Equivalent	Purpose
cancelBubble	-	A historical alias to stopPropagation() . Setting its value to true before returning prevents propagation
eventPhase	-	Specifies which phase of the event flow is being processed
cancelable	Not supported	Indicates whether you can cancel the default behaviour of an element
preventDefault()	returnValue	It cancels the default behavior of the event (if possible)
stopPropogation()	cancelBubble	It stops any further bubbling/ capturing of the event.



THANK YOU

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